

## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 25436/2274

032904  
13142

U.S.PTO

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL928104209US on this date, March 29, 2004, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

032904  
10/811663  
U.S.PTO

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Enclosed herewith is a new patent application of:**

First Named Inventor (or application identifier): Brown et al.

Title of Invention: Apparatus and Method for Flexible Heating Cover Assembly for Thermal  
Cycling of Samples of Biological Material

Type:  New  
 Continuation of: 10/262,994  
 Continuation-in-Part of: \_\_\_\_\_  
 Divisional of: \_\_\_\_\_  
 which is hereby incorporated by reference in its entirety into the application filed herewith;

**and includes the following papers:**

1.  Specification 70 pages (including specification, claims, abstract)/27 claims (4 independent)
2.  Declaration/Power of Attorney is:
 

<input type="checkbox"/> Executed	<input type="checkbox"/> Unexecuted	<input checked="" type="checkbox"/> Executed copy from Parent Application
<input type="checkbox"/> NOT included, but deferred under 37 C.F.R. § 1.53(f).		
3.  28 Distinct sheets of  Formal  Informal Drawings
4.  Application Data Sheet
5.  Preliminary Amendment.
6.  Information Disclosure Statement
 

<input type="checkbox"/> Form 1449	<input type="checkbox"/> A copy of each cited prior art reference (as necessary)
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7.  Assignment with Recordation Cover Sheet.
8.  Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

9.  Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)
10/262,994	October 2, 2002

10.  Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

Application Number	Date of Filing (day, month, year)

# NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 25436/2274

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The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11.  Priority document(s).
12.  Microfiche Computer Program (Appendix).
13.  Nucleotide and/or Amino Acid Sequence Submission.
  - Computer Readable Copy.
  - Paper Copy (identical to computer copy).
  - Statement verifying identity of above copies.
14.  Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15.  Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$770.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	27	7	\$18.00	126.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	4	1	\$86.00	86.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))		No	\$290.00	0.00
Subtotal - Filing Fee Due				982.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)			MULTIPLY BY 0.50	491.00
<b>TOTAL FILING FEE DUE</b>				<b>491.00</b>
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	0.00
<b>GRAND TOTAL DUE</b>				<b>\$491.00</b>

17. PAYMENT is:
  - The Commissioner is hereby authorized to charge any fees to Deposit Account 16-0085, Ref. 25436/2274.
  - not included, but deferred under 37 C.F.R. § 1.53(f).

18. All correspondence for the attached application should be directed to:

Kathleen M. Williams  
Customer Number 27495  
111 Huntington Avenue  
Boston, MA 02199-7613

19. Other: \_\_\_\_\_

Respectfully submitted,

By: \_\_\_\_\_

Name: Kathleen M. Williams  
Registration No.: 34,380

Date: March 29, 2004

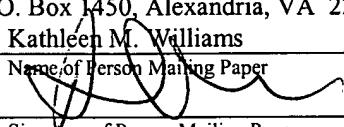
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Brown et al.  
Serial No.: Not Yet Assigned  
Filed: March 29, 2004  
Entitled: Apparatus and Method for Flexible Heating  
Cover Assembly for Thermal Cycling of  
Samples of Biological Material

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

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Kathleen M. Williams  
Name of Person Mailing Paper

  
Signature of Person Mailing Paper

**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

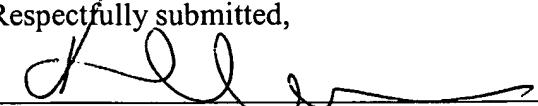
1. New Patent Application Transmittal;
2. Patent Application, (70 pages);
3. Transmittal of Formal Drawings;
4. Twenty Eight (28) sheets of Formal drawings of Figs 1-41;
5. Application Data Sheet;
6. Copy of the Declaration and Power of Attorney from Parent Application U.S. Serial No. 10/262,994; and
7. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 25436/2274. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: March 29, 2004

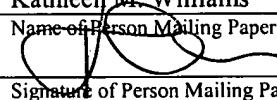
  
Name: Kathleen M. Williams  
Registration No.: 34,380  
Customer No.: 27495  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Brown et al.	Examiner:	Not Yet Assigned
Serial No.:	Not Yet Assigned	Group Art Unit:	Not Yet Assigned
Filed:	March 29, 2004		
Entitled:	Apparatus and Method for Flexible Heating Cover Assembly for Thermal Cycling of Samples of Biological Material		
		Conf. No.:	Not Yet Assigned

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Kathleen M. Williams  
Name of Person Mailing Paper  
  
Signature of Person Mailing Paper

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**Attention: Official Draftsperson**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

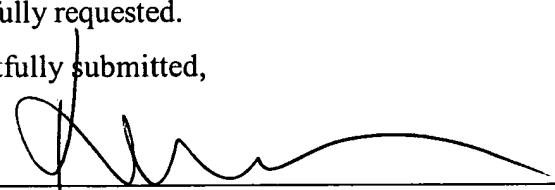
**TRANSMITTAL OF FORMAL DRAWINGS**

Enclosed please find formal drawings of Figures 1 – 41 on 28 separate sheets.

Acceptance of the formal drawings is respectfully requested.

Respectfully submitted,

Date: March 29, 2004

  
Name: Kathleen M. Williams  
Registration No.: 34,380  
Customer No.: 27495  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100